

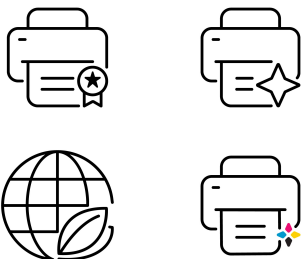
# HP 145 LaserJet Toner Cartridges

(W1450A, W1450X)



**Easy-to-manage Original HP Toner Cartridges deliver professional-quality prints for office productivity in small and medium businesses.**

HP Original LaserJet Toner Cartridges with Jet Intelligence produce high-quality business documents. Maintain productivity with easy-to-manage cartridges offered in two sizes<sup>1</sup> designed with the environment<sup>2,3,4</sup> and security<sup>5,6</sup> in mind.



#### Stay productive with reliable cartridges

Help keep your business moving forward. Trust HP Original Toner Cartridges for consistent, cost-efficient, uninterrupted printing. Replace toner and imaging drum together with the convenience of Original HP All-in-One Toner Cartridges.

The choice you can trust—help avoid frustrating reprints, wasted supplies, and service calls.

Print over two times more pages than standard cartridges using optional high-yield toner cartridges.<sup>1</sup>

HP page maximizer technology manages efficient toner use and cartridge performance.

Plan ahead—use HP Web Jetadmin to track toner usage and receive regular supplies updates.<sup>7</sup>

#### Print high-quality documents every page

Only Original HP Toner Cartridges with JetIntelligence are specially engineered for high speed, low-energy performance—without sacrificing the quality you depend on to look professional.

Print crisp black text and professional-quality graphics with HP EcoSmart black toner.<sup>1</sup>

Count on consistent results—from page to page and cartridge to cartridge.

At every step, security is built-in with tamper-resistant chips, firmware, and packaging.<sup>5</sup>

Help manage the cartridges used across your fleet for consistent quality prints, and decrease help desk calls.

#### Designed with the environment in mind

Original HP Toner Cartridges are designed with the environment<sup>2,3</sup> and indoor air quality<sup>4</sup> in mind, and for security with tamper-resistant chips,<sup>5</sup> firmware, and packaging.<sup>5</sup> Plus, save energy when printing with HP EcoSmart black toner.<sup>8</sup>

Use an average of 20% less energy when printing with Original HP EcoSmart black toner.<sup>1</sup>

82% of total packaging weight is recycled content.<sup>3</sup>

Easily recycle your Original HP Toner Cartridges at no extra charge with HP Planet Partners.<sup>2</sup>

HP voluntarily designs and tests its printing systems<sup>7</sup> to meet Blue Angel eco-label emission guidelines.

#### Manage your printing with time-saving solutions

Track cartridge use with HP print gauge technology in Original HP Toner Cartridges. Automatic seal removal makes installation quick and easy and save time with the all-in-one cartridge design. And, try HP Instant Ink for laser.<sup>9</sup>

Print gauge technology intelligently tracks toner levels, so you know when the toner is running low.

Quickly replace your cartridges with auto seal removal and easy-open packaging.

Try convenient HP Instant Ink for laser. It's a hassle-free smart subscription program.<sup>9</sup>

## Compatibility statement

HP LaserJet Pro 3003dnr/dw, MFP 3103fdn/fdw.

## Product specifications

P/N	Description	Average cartridge yield *	Dimensions (l x w x d)	Weight	UPC code
W1450A	HP 145A Black Original LaserJet Toner Cartridge	Average cartridge yields 1,700 standard pages. Declared yield value in accordance with ISO/IEC 19752.	364 x 109 x 136 mm	~0.76 kg	194850740978
W1450X	HP 145X High Yield Black Original LaserJet Toner Cartridge	Average cartridge yields 3,800 standard pages. Declared yield value in accordance with ISO/IEC 19752.	364 x 109 x 136 mm	~0.86 kg	194850740985

\*Approximate average yield based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

<sup>1</sup> High-yield cartridges are not included in printer purchase; purchase separately. HP 139X High-Yield Original LaserJet Toner Cartridge compared to HP 139A Original LaserJet Toner Cartridges. Learn more at [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

<sup>2</sup> HP Planet Partners Program availability varies. For more information, visit <http://hp.com/hprecycle>.

<sup>3</sup> HP calculations of recycled material in cartridge packaging based on weight, varies in each market.

<sup>4</sup> An HP printing system consists of HP printer, HP Paper and Original HP supply. Blue Angel DE-UZ 219 emissions criteria or earlier versions applicable when printing system launched.

<sup>5</sup> Refer to your device data sheet and HP Web Jetadmin supported feature list for details.

<sup>6</sup> See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register [www.certification.opengroup.org/register/https-certification](http://www.certification.opengroup.org/register/https-certification) & [keypointintelligence.com/HPCartridgeISO20243](http://keypointintelligence.com/HPCartridgeISO20243).

<sup>7</sup> Refer to your device data sheet and HP Web Jetadmin supported feature list for details.

<sup>8</sup> HP calculations based on Energy Star® normalized TEC data comparing the HP LaserJet 200-500 series with predecessor printing systems not using HP EcoSmart. See [www.hp.com/ecosmart](http://www.hp.com/ecosmart).

<sup>9</sup> See [www.hpinstantink.com](http://www.hpinstantink.com).

For more information about HP Supplies, visit <http://www.hp.com>

